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9. The teaching machine set forth in claim 8 including a pointer means advanceable along the line of items being shown to a pupil, and means operative while said relay is in a stopped condition for advancing said pointer means to the item corresponding to the position in which said relay is stopped when the pupil places the tip of said selector device at said corresponding item.

10. The teaching machine set forth in claim 9 including means controlled by said reproducing machine and said pointer means for restarting said stepping relay only when the pointer means has been advanced to said corresponding item and the audio message from the reproducing machine is completed.

11. In a teaching machine: the combination of a window having a cover glass, means for exhibiting successive lines of items of information through said window in a working area, separate transparent conductive surface areas on the outer surface of said cover glass located in predetermined relation to the items of information within said working area, a manual pencil-like selector device having a conductive tip and a flexible lead line connection to said machine for selecting said respective items by touching the tip of the selector device to the conductive areas associated with said respective items, a code means including a stepping relay for requiring the items in the working area to be selected in a predetermined sequence, and means responsive to selecting a predetermined item within said working area for presenting a new set of items within said area.

12. The teaching machine set forth in claim 11 wherein said stepping relay has a first switch deck connected linearly to said conductive surface areas to require the items in said working area to be selected in a sequence proceeding progressively across said window, wherein said stepping relay includes a second switch deck connected in a scrambled sequence to said conductive surface areas, and a program selector switch for selectively connecting

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either said first or second switch decks in circuit with said coding means.

13. The teaching machine set forth in claim 11 wherein said respective items are carried on a sheet and the code stepping relay is of the self-running type including a stop circuit for each switch position thereof and respective pairs of switch contacts in said stop circuits positioned in contact with said sheet in registration with said respective items, and conductive code spots on said sheet only at the predetermined items to be selected by the pupil for bridging the pairs of switch contacts and stopping the stepping relay at said predetermined items.

14. The teaching machine set forth in claim 12 including electromagnetic means for operating said program switch, code marks associated with selected ones of said lines, and circuit means controlled according to whether a code mark is associated with a given line as the line is exhibited for operating said program switch.

15. The combination set forth in claim 14 wherein said exhibited items are carried by a sheet, including stepping means for advancing said sheet one line at a time, and wherein said circuit means for operating said electromagnetic means includes a pair of switch contacts engaging said sheet and wherein said code marks are on said sheet for interconnecting said contacts as a pre-selected line is brought into exhibition by said stepping means for operating said electromagnetic means and shifting the program switch from one position to the other.

References Cited

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